File : JAPIO

SS  Results
   1      2829  IP
   2     12328  PACKET+
   3    169926  FILTER+
   4      9611  TRAFFIC+
   5      3905  ATTRIBUTE#
   6      6128  RULE#
   7        35  DERIV+ AND ATTRIBUTE#
   8      1722  EFFICIEN+ (3D) FILTER+
   9       301  2 AND   3
  10         3  9 AND (  5 OR   6)
  11         3  9 AND (  7 OR   8)
  12         0  ( 10 AND  11)
  13         1  1 AND ( 10 OR  11)
  14         0  ( 10 OR  11) AND (DERIV+ (3D) ATTRIBUTE#)
  15         3  ( 10 OR  11) AND (  8)
  16         1  12 OR  13

Search statement  17

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1/1 JAPIO - (C) JPO
PN  - JP 11308272 A 19991105 [JP11308272]
TI  - PACKET COMMUNICATION CONTROL SYSTEM AND PACKET COMMUNICATION
      CONTROLLER
IN  - FUJIWARA HIROYA
PA  - TOSHIBA CORP
AP  - JP11346798 19980423 [1998JP-0113467]
IC1 - H04L-012/56

AB  - PROBLEM TO BE SOLVED: To generate filtering rules in response to the
      access authority.
    - SOLUTION: The system is provided with a user database 7 where access
      rang information of each user is in cross reference with user
      identification information and an IP address corresponding to one
      client to two users is in cross reference with the user identification
      information, a filtering rule generating means 8 that references the
      user database 7 to generate filtering rule information to control
      propriety of passing of a packet sent to a network based on a
      corresponding access range information based on the user
      identification information on an access request from the user to the
      network, and a filtering processing means 12 that controls the
      propriety of passing of the packet sent by the user by using the
      filtering rule information generated by the filtering rule generating
      means 8.

Search statement  17

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File : JAPIO

SS   Results
  1      2829   IP
  2     12328   PACKET+
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 12         0   ( 10 AND  11)
 13         1   1 AND ( 10 OR  11)
 14         0   ( 10 OR  11) AND (DERIV+ (3D) ATTRIBUTE#)
 15         3   ( 10 OR  11) AND (  8)
 16         1   12 OR  13

Search statement  17

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1/1 JAPIO - (C) JPO
PN  - JP 11308272 A 19991105 [JP11308272]
TI  - PACKET COMMUNICATION CONTROL SYSTEM AND PACKET COMMUNICATION
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IC1 - H04L-012/56
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      network, and a filtering processing means 12 that controls the
      propriety of passing of the packet sent by the user by using the
      filtering rule information generated by the filtering rule generating
      means 8.
    - COPYRIGHT: (C)1999,JPO


Search statement  17

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File : JAPIO

SS  Results
   1      2829   IP
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   3    169926   FILTER+
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   8      1722   EFFICIEN+ (3D) FILTER+
   9       301   2 AND    3
  10         3   9 AND (   5 OR    6)
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  12         0   ( 10 AND   11)
  13         1   1 AND ( 10 OR   11)
  14         0   ( 10 OR   11) AND (DERIV+ (3D) ATTRIBUTE#)
  15         3   ( 10 OR   11) AND (  8)
  16         1   12 OR   13

Search statement   17

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** SS 17: Results 3

Search statement   18

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1/3 JAPIO - (C) JPO
PN   - JP 2000151671 A 20000530 [JP2000151671]
TI   - REPEATER WITH MULTI-CAST FILTERING
IN   - KIYO RI
PA   - HITACHI CABLE LTD
AP   - JP31787498 19981109 [1998JP-0317874]
IC1  - H04L-012/44
IC2  - H04L-012/18 H04L-012/56
AB   - PROBLEM TO BE SOLVED: To provide a repeater with multi-cast filtering
       where the utilizing efficiency of a filtering database FDB is enhanced
       while coping with possibility of many addresses with small setting
       items.
     - SOLUTION: A mask M that validates only desired bits in a multi-cast
       address, a multi-cast address U designated by the user having user
       designation information in valid bits and a relay port P are
       registered in correspondence with each other, a destination address A
       of a multi-cast packet to be received is processed by using the mask M
       and when the processing result is coincident with the user designation
       multi-cast address U, the received multi-cast packet is relayed from
       the relay port P.
     - COPYRIGHT: (C)2000,JPO

2/3 JAPIO - (C) JPO
PN   - JP 10242976 A 19980911 [JP10242976]

2/3 JAPIO - (C) JPO
PN  - JP 10242976 A 19980911 [JP10242976]
TI  - COMMUNICATION MONITOR AND CONTROL SYSTEM FOR ATM EXCHANGE
IN  - MATSUMOTO SHINICHI; WAKAMOTO MASAAKI
PA  - FUJITSU LTD
AP  - JP04115497 19970225 [1997JP-0041154]
IC1 - H04L-012/28
IC2 - H04Q-003/00
AB  - PROBLEM TO BE SOLVED: To attain an asynchronous transfer mode(ATM)
      communication monitor and control system capable of improving the
      secrecy and reliability of communication in executing information
      communication by a master protocol through an ATM exchange and
      efficiently executing filtering processing as to an ATM communication
      monitor and control system for improving the secrecy and reliability
      of communication.
    - SOLUTION: An ATM exchange 100 is provided with a cell copying part 110
      for copying an ATM cell in the case of receiving signaling from a
      terminal and a filtering processing part 120 for referring to the
      communication contents of a master protocol and, when the contents are
      not previously allowed contents, disconnecting its connection. When
      receiving signaling from the terminal, the cell copying part 110 sets
      up the connection and then copies and sends an ATM cell. The
      processing part 120 generates one packet of the master protocol from
      the copied and sent ATM cell, monitors the communication contents of a
      frame, and when the contents are not previously allowed contents,
      disconnects the connection.
    - COPYRIGHT: (C)1998,JPO

3/3 JAPIO - (C) JPO
PN  - JP 01085442 A 19890330 [JP01085442]
TI  - ADDRESS DISCRIMINATING DEVICE
IN  - OTERU YOICHI
PA  - NEC CORP
AP  - JP24304187 19870928 [1987JP-0243041]
IC1 - H04L-011/00
AB  - PURPOSE: To attain an efficient study with the filtering by a
      destination address and a sender address at high speed by revising the
      content of a content readout memory and switching a function of two
      sets of content readout memories when the content change is required.
    - CONSTITUTION: A destination address part of a received packet is
      inputted to a reception buffer 13 and given to a content readout
      memory 15 being a filtering memory at the same time and discrimination
      is applied. The sender address part of incoming packet is given to the
      reception buffer 13 and the sender address is inputted to the memory
      16 to discriminate the coincidence and if necessary, the content of
      the study memory is updated, switches 19, 20 are changed over
      immediately to switch the filtering memory and the study memory. Thus,
      the filtering by the destination address and the study by the sender
      address are implemented efficiently at high speed by using two sets of
      the content readout memories.
    - COPYRIGHT: (C)1989,JPO&Japio

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